

Strontium⁹⁰ in Pandanus Samples collected at Rongelap Atoll - August, 1958

Island	Sample	Sr ⁹⁰ d/m per gram ⁴⁾ dried sample	Sr ⁹⁰ d/m per gram wet sample	Ca mg per gram ⁴⁾ wet sample	Strontium units
Rongelap	Leaves # 1	103±3	29±1	3.84±.03	3406
	Leaves # 2	78±2	22±1	4.95±.22	1966
	Leaves # 3	66±2	18±1	3.07±.11	2715
	Leaves # 8	38±2	11±1	2.85± 0	1667
	Trunk ²⁾				
	Borings # 2	0	0	3.68± 0	0
	Fruit #22 ¹⁾				
Rabelle	Leaves # 7	74±4	21±1	3.26±.01	2869
	Branch # 7	28±1	-	(3) 11.54±.83	1101
	Bark # 7	102±4	-	(3) 6.25±.03	7360
	Fruit # 7 ¹⁾				
Eniaetok	Leaves #10	55±2	15±0.5	4.56±.11	1524
	Leaves #11	91±4	25±1	4.37±.06	2611
	Fruit #10 ¹⁾				

- 1) These fruit samples are now being processed and the results will be available later.
- 2) Limit of detectability of Sr⁹⁰ in this sample is 46 d/m/g dried sample.
- 3) These results are in mg of calcium per gram dried sample. Wet sample weights are not available for these samples.
- 4) Errors for activity values are determined from counting error.
- 5) Errors for calcium values are standard deviations for replicate analyses.

BEST COPY AVAILABLE